

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION</b> IN AN APPLICATION (Use several sheets if necessary)		Docket Number (Optional) IQA-005.01 (22197-501)		Application Number 09/782,732	
Applicant Chen, Shuqi		Filing Date February 13, 2001		Group Art Unit 2856	

MAY 30 2002  
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DAZ	AA US 5,176,203	01/05/93	Larzul	165	61	
DM	AB US 5,897,842	04/27/99	Dunn et al.	422	131	
DM	AC US 5,795,547	08/18/98	Moser et al.	422		
DM	AD US 5,985,651	11/16/99	Hunnicke-Smith	435	285.1	

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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
DAZ	AE WO 97/40939	11/06/97	PCT	—	—		X
DAZ	AF WO 97/48818	12/24/97	PCT	—	—		X
DM	AG WO 98/43740	10/08/98	PCT	—	—		X
DM	AH WO 99/67647	12/29/99	PCT	—	—		X

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages Etc.)

EXAMINER	<i>David Rudy</i>	DATE CONSIDERED	<i>1/19/04</i>
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**INFORMATION DISCLOSURE CITATION**  
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Applicant  
Shuqi, Chen

Filing Date  
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2856

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## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	Translation	
								YES	NO
<i>Don</i>	AJ	WO 99/26724	/	06/03/99	PCT	✓	✓		X
<i>Don</i>	AK	WO 99/67646	✓	12/29/99	PCT	✓	✓		X
<i>Don</i>	AL	EP 0 504 772 A2	✓	09/23/92	European Patent Application	✓	✓		X
<i>Don</i>	AM	FR 2 590 673	✓	05/29/87	France	✓	✓		X
<i>Don</i>	AN	FR 2 672 231	✓	08/07/92	France	✓	✓		X

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

OTHER DOCUMENTS		(Including Author, Title, Date, Volume #, Page #)	
<i>mm</i>	AO	Kenneth Mason Publications; "Simplified PCR Processor and Method", Research Disclosure, Hampshire, GB, Vol. 401, pp. 651-655, (September 1, 1997)	
<i>SP</i>	AP	Kenneth Mason Publications; "PCR Processor", Research Disclosure, Hampshire, GB, Vol. 396 pp. 207-211, (April 1, 1997)	
<i>TD</i>	AQ	International Search Report Completed on June 27, 2002 and Mailed on July 16, 2002	
EXAMINER	<i>David Reddy</i>		DATE CONSIDERED <i>1/19/04</i>

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Application Number  
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Applicant  
**Shuqi Chen**

Filing Date  
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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## OTHER DOCUMENTS

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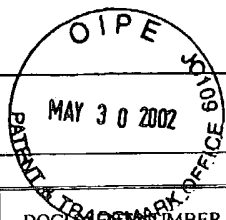
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	Applicant Chen, Shuqi		
	Filing Date February 13, 2001	Group Art Unit 2856	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	BA	US 5,866,366	02/02/99	Kallender	435	

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DA	BB	World Wide Web Page, <u>Quantitation of DNA/RNA Using Real-time PCR Detection</u> , <a href="http://www.appliedbiosystems.com/molecularbiology/about/white.htm/per/sds/">www.appliedbiosystems.com/molecularbiology/about/white.htm/per/sds/</a> (Applied Biosystems), pp. 1-8, 10/31/00
DA	BC	World Wide Web Page, <u>Quantitative Real-Time PCR</u> , <a href="http://www.lsc.psu.edu/stf/naf/quantitative.htm/">www.lsc.psu.edu/stf/naf/quantitative.htm/</a> (PennState Life Sciences Consortium, Shared Technology Facilities), pp. 1-3, 10/31/00
DA	BD	(Nalge Nunc International), World Wide Web Page, <u>DIAPOPS</u> , <a href="http://nunc.nalgenunc.com/resource/technical/nag/dp0014.htm">http://nunc.nalgenunc.com/resource/technical/nag/dp0014.htm</a> , pp. 1-4, 10/31/00
DA	BE	Boehringer Mannheim, <u>Lightcycler Instrument</u> , pp. 1-16, July 1998
DA	BF	Roche Molecular Biochemicals, <u>LightCycler System, Real-time PCR - as flexible as you are</u> , pp. 1-34, January 2000
DA	BG	Belgrader, P., et al., <u>PCR Detection of Bacteria in Seven Minutes</u> , Science 284, pp. 449-450. 16 April 1999
DA	BH	Intergen, <u>Amplifluor Universal Detection System, Versatile, Quantitative Detection for PCR in Endpoint and Real-time</u>
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 Application Number  
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 Applicant  
 Shuqi Chen
**OCT 20 2003**
 Filing Date  
 February 13, 2001

 Group Art Unit  
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**TC 1700****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DM</i>	FA US 3,441,205	04/29/69	M. K. Young, Jr.	233	26	
<i>DM</i>	FB US 4,065,263	12/27/77	Woodbridge, III	23	253	
<i>DM</i>	FC US 4,187,861	02/12/80	Heffernan	128	764	
<i>DM</i>	FD US 6,016,683	01/25/00	Betts et al.	73	1.03	
<i>DM</i>	FE US 2002/0049557 A1	04/25/02	Chen	702	116	
<i>DM</i>	FF US 2003/0049833 A1	03/13/03	Chen et al.	435	287.2	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>DM</i>	FG WO 97/27324	07/31/97	WIPO				X
<i>DM</i>	FH WO 00/13014	03/09/00	WIPO				X
<i>DM</i>	FI EP 0 047806	03/24/82	Europe				X
<i>DM</i>	FJ EP 1 106 250 A2	06/13/01	Europe				X
<i>DM</i>	FK WO 03/007677 A2	01/30/03	WIPO				X

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

<i>DM</i>	FL	Partial International Search Report for PCT/US02/28951, Mailed on July 08, 2003.

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*Daniel Riddley*

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*2/5/04*

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## U.S. PATENT DOCUMENTS

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EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	
DM	BA	4,166,457	09/04/1979	Jacobsen et al.	128	639	
DM	BB	4,596,271	06/24/1986	Brundage	137	540	
DM	BC	4,752,449	06/21/1988	Jackson et al.	422	73	
DM	BD	5,143,084	09/01/1992	Macemon et al.	128	771	
DM	BE	5,229,297	07/20/1993	Schnipelsky et. al.	436	94	
DM	BF	5,422,271	06/06/1995	Chen, et. al.	435	287	
DM	BG	5,455,175	10/03/1995	Wittwer et. al.	435	286	
DM	BH	5,475,610	12/12/1995	Atwood et. al.	364	500	
DM	BI	5,504,007	04/02/1996	Haynes	435	285.1	
DM	BJ	5,508,197	04/16/1996	Hansen et al.	435	285.1	
DM	BK	5,576,218	11/19/1996	Zurek et. al.	436	174	
DM	BL	5,602,756	02/11/1997	Atwood et. al.	364	500	
DM	BM	5,801,052	09/01/1998	Bartlett-Hooker et al.	435	286.1	
DM	BN	5,942,432	08/24/1999	Smith et. al.	435	388.1	
DM	BO	6,033,880	03/07/2000	Haff et. al.	435	91.1	
DM	BP	6,186,982 B1	02/13/2001	Gross et al.	604	132	
DM	BQ	6,194,160 B1	02/27/2001	Levin	435	7.1	
DM	BR	6,251,660 B1	06/26/2001	Muir et. al.	435	287.22	
DM	BS	6,440,725 B1	08/27/2002	Purahmadi et. al.	435	288.5	

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